



K16U 1092

Reg. No. :

Name :

II Semester B.Sc. Degree (CCSS – Supple./Improv.) Examination, May 2016
COMPLEMENTARY COURSE IN COMPUTER SCIENCE
2C03CSC : Programming in C++
(2013 & Earlier Adm.)

Time : 3 Hours

Max. Weightage : 21

SECTION – A

Answer **all** questions. Weightage for a bunch of **four** questions is **1**.

1. Which looping process is best used when the number of iteration is known ?

- a) for
- b) while
- c) do-while
- d) all of the above

2. Name the header file, to which function strcmp() belongs to

- a) stdio.h
- b) string.h
- c) ctype.h
- d) math.h

3. When a subclass is inherited from more than one base class, it is known as

- a) multiple inheritance
- b) multilevel inheritance
- c) hybrid inheritance
- d) hierarchical inheritance

4. Which of the following is not a jump statement ?

- a) return
- b) goto
- c) break
- d) exit

5. A pointer to void can hold pointers to

- a) void
- b) int
- c) float
- d) any data type

P.T.O.



SECTION – C

Answer **any five** questions. Weightage **2** for **each**.

- 17. What are different data types in C++ ?
- 18. What you mean by dynamic memory allocation ?
- 19. What is visibility mode ? Discuss its role.
- 20. What are actual and formal parameters of a function ?
- 21. What is copy constructor ? Why can't we pass an object by value to a copy constructor ?
- 22. What is operator overloading ?
- 23. What is an array ? Give the syntax to define a 2-D array.
- 24. Write a C++ program to swap values of two variables using function. **(5×2=10)**

SECTION – D

Answer **any one** question. Weightage **4** for **each**.

- 25. Write a C++ program to multiply two matrices.
- 26. What are the features of OOP languages ? **(1×4=4)**